

SB NEWSLIN @ ALLBBS \$NLIN.931  
Amateur Radio Newsline #931 16 Jun 1995

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NEWSLINE RADIO - CBBS EDITION #931 - POSTED 06/16/95

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The following is late news about Amateur Radio for Radio  
Amateurs as prepared from NEWSLINE RADIO scripts by the staff of  
the AMATEUR RADIO NEWSLINE, INC. -- formerly the WESTLINK RADIO  
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Audio Version of Newsline  
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Los Angeles.....	(213) 462-0008
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Seattle.....	(206) 281-8455
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Electronic Hardcopy Version of Newsline

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GEnie (RTC Bulletin Board)..... m345;1  
GEnie (File Library)..... m345;3  
Dallas Remote Imaging BBS (DRIG)..... (214) 492-7573  
In bulletin number 36  
The Midwest Connection BBS..... (701) 239-2440  
In bulletin number 6 of the ham radio conference  
Delphi.....In the ham radio conference  
CompuServe/HamNet..... HamNet Library 0  
Internet.....In the rec.radio.info newsgroup  
Internet FTP: oak.oakland.edu.....  
In archive: pub/hamradio/docs/newsline  
Local BBS's.....In the Ham Radio conferences on  
Fidonet, RIME, Intellec, I-Link and AR-Net

For questions or comments about the text version, contact me at  
D.CARY@GENIE.GEIS.COM on the Internet.

For the latest breaking info call the Instant Update Line listed  
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Check with your local amateur radio club to see if NEWSLINE  
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For further information about the AMATEUR RADIO NEWSLINE,  
please write to us with an SASE at P.O. Box 463, Pasadena, CA  
91102.

Thank You  
NEWSLINE

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Some of the hams of NEWSLINE RADIO...

WA6ITF WB6MQV WB6FDF K6DUE W6RCL N6AHU N6AWE N6TCQ K6PGX N6PNY  
KU8R N8DTN W9JUV KC9RP K9XI KB4KCH KC5UD KC0HF G8AUU WD0AKO DJ0QN  
and many others in the United States and around the globe!!!

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[931]

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(* * * * C L O S E D   C I R C U I T   A D V I S O R Y   * * * *)
(*)
(*)      The following advisory is not for transmission over      *
(*)  amateur radio.  This is just a reminder that the address    *
(*)  for the Newsline Support Fund is:                            *
(*)
(*)              Newsline                                         *
(*)              c/o Andy Jarema-N6TCQ                           *
(*)              P.O.Box 660937                                    *
(*)              Arcadia, California                             *
(*)              91066                                           *
(*)
(*)      Again, and as always, we thank you.  This ends the      *
(*)  closed circuit with Newsline report number 931 for release  *
(*)  on Friday, June 16, 1995 to follow.                          *
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(*) * * * * *
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The following is a QST

Apple Computer proposes a new data radio service for everyone.  
Find out more about the N 2 proposal on Newsline report number 931  
coming your way right now:

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APPLE PETITIONS TO CREATE WIRELESS 'N2 BAND'

Apple Computer has filed a Petition for Rulemaking with the  
Federal Communications Commission, asking for a spectrum to permit  
high speed data communications for schools, libraries, community  
groups, individuals, businesses and institutions. The proposed  
radio service is called N 2 and would be available to anyone  
without licensing or air time charges. Kind of like amateur  
packet radio but without the need to be a ham.

In addition to permitting faster data rates, the N 2 Band  
would allow users, for the first time, to set up their own  
wideband wireless data links spanning five miles or more.  
Rural and other dispersed communities and suburban interest  
groups would be able to use the N 2 Band to develop local  
networks as well as for N 2 participation. Apple says that  
its N 2 proposal would complement, not replace, other licensed  
and unlicensed network technologies.

One part of the N 2 Band comprises radio frequencies from  
5150 to 5300 MHz. These are already earmarked in Europe for  
local area wireless networks. The second portion, from 5725 to

5875 MHz is already available for low power, unlicensed spread spectrum devices under Part 15 of the FCC's rules. Adding N 2 says Apple would allow fuller use of the spectrum while permitting smooth transition to the benefits and technologies of the N 2 system.

Apple's N 2 proposal follows on the heels of its successful five year effort to obtain a frequency allocation for unlicensed data personal communications services. Data PCS allows computing devices to communicate wirelessly at relatively high data rates within a local area, such as throughout a school. Because the Data PCS band is unlicensed, a user may establish and operate a wireless data communications network without paying a service provider for installation and air time.

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#### HACKERS HIRED TO HACK

And while on the topic of computer companies, word that Sun Microsystems Inc. is challenging three renowned computer experts to tackle what the company says is its uncrackable new Internet security program. Cryptographer Whitfield Diffie, consultant Tsutomu Shimomura and programmer Dan Farmer have been hired to do everything they can to break into Sun's new Java and SunScreen technology.

Diffie is renowned for writing and breaking codes. Shimomura is the San Diego security expert who led FBI agents to alleged superhacker Kevin Mitnick, N6NHG earlier this year. Farmer helped write and distribute SATAN, a program that allows people to probe networks for security flaws.

SunScreen is a piece of computer hardware that plugs into a computer and sends messages onto the Internet. It scrambles the outgoing traffic into what Sun says is an uncrackable code as long as the message is received by another SunScreen at the other end. If it works as promised, SunScreen would allow sensitive data such as credit card numbers to be shipped over the Internet without fear.

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#### TWO VEC's DOWN

Gordon Girton, W6NLG of the Sunnyvale V.E.C. says that it is beginning to look as if the nation will be down to 16 V.E.C.s as of July 1st. Gordon notes that Great Lakes V.E.C. has not proctored a test session in the past six months. Also says Girton, the Charlottee V.E.C. has notified the FCC that it will stop testing on July 1. This, due to health problems with on of the groups senior administrators.

W6NLG adds that the new and badly needed 610 V and 1070 V forms

appear to still on hold but he hopes to know more as a result of the V.E.C. Conference in Gettysburg on June 23rd.

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#### NEW ADVANCED QUESTIONS

Also on the examination front, effective July 1, 1995, a new Advanced class question pool takes effect. V.E. exams beginning on that date will use questions from the new pool. The new, 4th Edition of The ARRL Advanced Class License Manual is now available and covers these new questions.

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#### OLYMPICS HELP

If you are planning to be in Connecticut this from July 1st to the 9th, and if you have some time to donate to providing communications to a worthy cause, then the Summer Special Olympic Games needs you. This is because the World Summer Games Organizing Committee has spent millions of dollars to design and construct a complete communication system for the event and now, at the last minute feel that hams would be the best possible communications personnel to man the system.

Brian Battles, WS10 of the American Radio Relay League is the Amateur Radio Liaison to the 1995 Special Olympics World Summer Games. Battles says that he has a lot of open slots to fill and very little time to fill them. He says that they MUST HAVE enough ham radio operators to man the Command Center around the clock throughout the entire 10 days of the Games. As such he needs commitments right now from enough amateurs to run the Command Center in three 8 hour shifts per day from July 1st to the 9th.

Battles says that you don't have to know anything about the particular equipment or procedures to be used. Just pre-register with him and then be able to get to the venue of the games in Connecticut on your own and be ready to do the best job that you can.

If you want to help with this worthy event but haven't already registered as a volunteer get in touch with me Brian as fast as possible to let him know if and when you can be there.

You can call Brian Battles, WS10, daytime at ARRL Headquarters at (203) 594-0222 or (203) 594-0200 or nightside at his home at (203) 827-9956. The fax number is (203) 594-0259 and his E-mail address via the internet is [bbattles@arrl.org](mailto:bbattles@arrl.org).

Again, the Special Olympics Summer games start in less than two weeks. There are a lot of open communications slots to fill quickly. Please call or fax Brian if you can get to Connecticut

with some time to help.

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#### BUREAUS RENAMED AT FCC

The FCC's Wireless Telecommunications Bureau has renamed several divisions. This includes the Private Radio Division, which is now known as the Private Wireless Division.

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#### THERNES APPOINTED NEW GREAT LAKES VICE DIRECTOR

John Thernes, WM4T, of Covington, Kentucky, has been appointed vice director of the Great Lakes Division for the unexpired remainder of the term of that office. A former Section Manager, John will serve until January 1, 1996.

The vacancy in the office of vice director occurred when former Vice Director George Race, WB8BGY, became the new division director following the resignation of Al Severson, AB8P.

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#### SSTV at W1AW

A complete, modern slow scan television system has been donated to W1AW. The system, designed by John Langner, WB2OSZ, includes his PASOKON TV software, a "frame grabber", a 486 color computer, and a charge coupled device (CCD) camera.

The system, valued at some \$2,000, was donated by Norm Creller, W8MPM. Creller is a manager at Chrysler Motors in Toledo, Ohio.

The new SSTV equipment is set up for use by visitors to W1AW. They will be able to observe SSTV on the HF bands as well as to send pictures.

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#### DIGITAL SPLIT

There has been what all are terming as an amicable parting of the ways between two halves of the American Digital Radio Society board of directors. According to a press release from ADRS the result is two organizations growing from the one.

The original ADRS has changed its name to the International Digital Radio Association. It has a six member board consisting of W4ZB, W2TKU, TY1PS, KI4T, VE3CDX, and W2JGR. This group will focus on the Digital Journal and related activities. N2HOS will be the Journal's editor in chief.

A new organization will take over the name of the American Digital Radio Society. Its core members so far are W2NRE, KE5HE, WA1URA, K4CJX, W4NPX, and N4SS.

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#### MANUFACTURER UPSET WITH QST STORY

Telex Corporations Steve Morris K7LXC is angry with the American Radio Relay League over an article in the April issue of QST Magazine and he has made his frustration known to other members of the ham radio business community.

According to the May 15th W5YI Report ham radio newsletter, Morris vented his anger with the QST article at the Amateur Radio Industry Group meeting held in conjunction with the recent Dayton Hamvention. There says W5YI, the Telex representative gave a presentation that was extremely critical of an article that he says urges new hams to shop for equipment using 800 telephone numbers rather than patronizing local dealers.

Morris said that he strongly objected to the League publishing an equipment purchasing system that he considers as being detrimental to the amateur radio equipment supply industry. This, because it plays one mail order firm against another.

The ARRL has not commented officially or publicly on Morris comments and it is very unlikely that they will. This, based is the long standing albeit unofficial policy of never to commenting on matters of internal policy.

Also, there is another question to be answered. That being if W5YI did the proper thing in publishing the story in the first place.

Since its inception, the industry association has had a rule that says matters discussed at these meetings are considered as being top secret confidential. Like a closed board of directors meeting of a private corporation.

As such, the ham radio press is there only as an unofficial guest. Those press people who attend have long known that they are supposed to leave their reporters note pads at the door or not bother to walk in.

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#### RATS ON WWW

Andy Funk, KB7UV reports that the Radio Amateur Telecommunications Society is now reachable on the Internet's World Wide Web. The RATS Home Page provides links to projects including the ROSE X.25 Packet Switch, ROSE Packet Radio Mailbox System and much more. The software for each project can be downloaded directly from links on the Web pages. Additional RATS projects will be added shortly. The RATS Home Page also includes a link to the Packet Radio Home Page maintained by Howie Goldstein, N2WX.

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#### NEW OSCAR NET

Project OSCAR is now running a VHF net in the San Francisco Bay area on the WA6PWW repeater. The net has been on for the last 3 months on Wednesday nights at 7:30 local Pacific time. Participants and try to answer questions about the birds and ground station operation and gear for those checked in.

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#### S.P.A.R.C.

The Suffolk Police Amateur Radio Club, of Long Island, New York has a new High Frequency net meeting every Monday, at 1630 EST on 3.910 Mhz.

The purpose of the net will be two fold. First is to interact with other community members of Law Enforcement. The second is to connect with other members of SPARC located in the other areas of the country who are not able to contact SPARC on the club's VHF net.

The net is open to any licensed amateur with interest in the net. Coordinator will be Russ Famulare, N2TZM, located in Dix Hills who is a retired New York State Court Clerk.

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#### SENIOR OLYMPICS

Ham radio operators from the Alamo Area Radio Organization and the San Antonio Radio club in Texas recently united to serve as volunteers for the U.S. National Senior Sports Classic of The Senior Olympics. Hams served as "net control operators" at the event headquarters. Operation was on an 800 MHZ. trunking system and also on 2 meters. 150 hand helds were used in the event. All 50 states and Canada were represented by over 8,500 athletes, ages 55 to 102.

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#### XE CONVENTION

A bit further south, The Association of Radio Amateurs of the Republic of Mexico says that it invites hams worldwide to attend its 35th annual convention to be held this year in Guadalajara, Mexico, the 27 to 30th of July.

The convention is the Hotel Malibu, one of Guadalajara's luxury resort convention centers and will offer forums on DXing, packet radio, repeaters, satellite and emergency communications. Families are welcome to attend, and there will be a cultural program for interested spouses.



For Additional information contact Sergio Valdes Sada,  
XE2RJ at his callbook address.

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#### DX SEBORGIA

Seborga is now T8A to T8Z. DL8AAM reports that The ITU has issued T8A-T8Z to this small country while invalidating all 1P prefix calls.

Also, the Radio Society of Great Britain reports that UA90BA and RW3GW will be part of an Antarctic scientific expedition lasting several months. If possible, the two hams hope to activate Bouvet Island in early November if they can get the necessary permission from Norwegian telecommunications officials. The probable call sign will be 3Y/R0FL.

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#### DX PHONY QSL LISTS

Also, DU7CC advises via packet radio for hams to be aware of phony QSL operations. Tom says that some people are allegedly are selling long outdated QSL Manager Lists and asking dollars or IRCs. Tom says he has found his name listed on a number of these sheets for operations dating back well over two decades ago.

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#### YOUNG HAM OF THE YEAR

Yet another reminder that the nominating period for the 1995 Young Ham of the Year award closes on June 30. If you are one of those who requested a nominating form but have not returned it along with the necessary information on your nominee, please consider doing just that right now. This is because the judging committee will be scattered across the U.S.A. and each nominating package must be duplicated so that each person judging has the same information.

The Young Ham of the Year award is open to United States licensed amateur radio operators age 18 or younger who have made significant contributions to the nation, their community or the state of the art in Amateur Radio. Nominating forms are available by sending a self addressed stamped envelope to the Young Ham of the Year Award, in care of Newsline at 28197 Robin Avenue, in Saugus California 91350. Or you can download the form from the ham radio files area on GEnie or America Online.

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#### MARY WINS AGAIN

And speaking about the Young Ham of the Year Award, we are very proud to announce that the 1990 winner Mary Alestra, KB2IGG, Staten Island, New York is a winner once again. Newsline has learned that Mary, who is now seventeen, has been selected by the Foundation for Amateur Radio to receive the 1995 Martin J. Green Sr., K2ETO Memorial Scholarship. This gives Mary \$1000 toward tuition at an institute of higher learning of her choice.

Mary is one of almost three dozen winners of scholarships administered by the Foundation for Amateur Radio this year.

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And for this week, that's all from the Amateur Radio Newsline. You can write to us at:

NEWSLINE  
P.O.Box 660937  
Arcadia, California  
91066

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